

Answer on Question #52382, Physics, Electromagnetism

The work needed to lift the object of mass m to a height h is $A=mg h$, where g is the gravitational acceleration of the Earth. Since we are given weight $P=mg$, the work might be expressed as $A=Ph$.

Making calculation, obtain $A=294 N \cdot 1 m = 294 J$. That is the work needed to lift the refrigerator back in a truck.

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